SUBJECT : GRAPH THEORY

TOPIC : DOMINATING SET

Dominating Set:

A subset S of V (G) is a dominating set of G if for every V € V(G) –S, there exists u € S such that uv € E(G)

PG Project:

Independent outer connected dominating set

A dominating set S is an Independent outer connected dominating set of G if

(i) S- independent dominating set of G
(ii) <V(G)\S> is Connected Graph

Proposal Topic:

Outer connected vertex edge dominating set

An outer connected vertex edge dominating set for an arb graph G is a set D subset of V(G) such that

(i) D is a vertex edge dominating set
(ii) G/D – connected.